

## CLAIMS

1. A floor laying material laid on a floor panel provided within a cabin of a vehicle, comprising:

5 a carpet layer having a front-to-back flow resistance value adjusted between 100 Nsm<sup>-3</sup> and 1000 Nsm<sup>-3</sup>; and

a buffer material layer made of a material having an air wrapping property, layered on the back surface of said carpet layer, and having a front-to-back flow resistance value adjusted between 40 Nsm<sup>-3</sup> and 10 800 Nsm<sup>-3</sup>.

2. The floor laying material according to claim 1, wherein said flow resistance value of said carpet layer is adjusted between 100 Nsm<sup>-3</sup> and 500 Nsm<sup>-3</sup>.

15 3. The floor laying material according to claim 1 or 2, wherein joining strips made of a thermoplastic resin are discontinuously arranged on the back surface of said carpet layer, such that said carpet layer and said buffer material layer are layered through said joining strips.

20 4. The floor laying material according to any of claims 1 to 3, wherein a molding material made of a thermoplastic resin formed in a powder or a fiber state is dispersed within said carpet layer.

25 5. The floor laying material according to any of claims 1 to 4, wherein said flow resistance value of said carpet layer of said floor laying

material laid at a position substantially near a prime mover equipped in said vehicle is set to be lower than said flow resistance value of said carpet layer of said floor laying material laid at a position relatively away from said prime mover.

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6. The floor laying material according to any of claims 1 to 5, wherein said buffer material layer is provided to have a thickness of 5 mm or more when laid on said floor panel.

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7. The floor laying material according to claim 6, wherein said thickness of said buffer material layer is 20 mm or more.

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8. A piece mat comprising a knitted pile layer having knitted pile yarn; a base cloth layer bearing said knitted pile layer; and a cushion material layer layered on the back surface of said base cloth layer through discontinuously arranged joining strips made of a thermoplastic resin, wherein a flow resistance value from the top surface of said knitted pile layer to the back surface of said cushion material layer is adjusted between  $100 \text{ Nsm}^{-3}$  and  $1500 \text{ Nsm}^{-3}$ .

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9. The piece mat according to claim 8, wherein a flow resistance value from the top surface of said knitted pile layer to the back surface of said base cloth layer is adjusted between  $80 \text{ Nsm}^{-3}$  and  $700 \text{ Nsm}^{-3}$ , and a front-to-back flow resistance value of said cushion material layer is adjusted between  $40 \text{ Nsm}^{-3}$  and  $1000 \text{ Nsm}^{-3}$ .

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10. An arranging structure of a floor laying material and a piece mat, wherein the piece mat according to claim 8 or 9 is arranged on the floor laying material according to any of claims 1 to 6.

5 11. The arranging structure of a floor laying material and a piece mat according to claim 10, wherein a portion on the surface of said carpet layer of said floor laying material on which said piece mat is arranged is made lower than the remaining portion.

10 12. The arranging structure according to claim 10 or 11, wherein a portion comprised of said carpet layer of said floor laying material and said piece mat in a region in which said floor laying material overlaps with said piece mat is adjusted between  $1500 \text{ g/m}^2$  and  $4500 \text{ g/m}^2$  per unit area, and a flow resistance value from the top surface of said piece mat to the back  
15 surface of said carpet layer is adjusted between  $150 \text{ Nsm}^{-3}$  and  $1800 \text{ Nsm}^{-3}$ .

13. The arranging structure according to any of claims 1 to 12, wherein at least one of said floor laying material and said piece mat comprises at least one of a water-repellent layer made of a water repellent  
20 material which rejects water, and a water absorbing layer made of a material which absorbs water.

14. The arranging structure according to any of claims 10 to 13, wherein said buffer material layer of said floor laying material and said  
25 cushion material layer of said piece mat are formed with a large number of pores which wrap air, at least in a portion thereof.